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PTO/SB/05 (03-01)

Approved for use through 10/31/2002. OMB 0651-0032

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**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No. 51821-0121 (51821-299534)

Inventors

Julia T. Lathrop, David J. Hammond, Larisa Cervenakova,  
Liliana Gheorghiu and Oksana Yakovleva

Title

Method for Identifying Ligands Specific for Structural Isoforms of Protein

Express Mail Label No.

EV 041614140 US

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

**ADDRESS**

TO:

Commissioner for Patents  
Mailstop Patent Application  
P.O. Box 1450  
Alexandria, VA 22313-1450

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☒ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification (Total Pages 30)  
(preferred arrangement set forth below)
- Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the invention
  - Brief Summary of the invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) (Total Sheets 3)
5. Oath or Declaration (Total Pages     )
- a. ☐ Newly executed (original or copy)
  - b. ☐ Copy from a prior application (37 CFR 1.63 (d))  
(for a continuation/divisional with Box 18 completed)
  - i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s)  
named in the prior application, see 37 CFR  
1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or  
Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
- a. ☒ Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i. ☐ CD-ROM or CD-R (2 copies); or
    - ii. ☒ paper
  - c. ☐ Statements verifying identity of above copies

**ACCOMPANYING APPLICATIONS PARTS**

9. ☐ Assignment:
- a. ☐ Assignment Papers (cover sheet & document(s))
  - b. ☐ Assignment is of record in parent application No.
10. ☐ 37 C.F.R. §3.73(b) Statement (when there is an assignee) ☐ Power of Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☐ Other \_\_\_\_\_

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No: \_\_\_\_/

Prior application information: Examiner \_\_\_\_

Group / Art Unit:

Recite complete dependency back to first parent application: This application claims priority to U.S. Provisional Patent Application Serial No. 60/462,658 filed April 14, 2003.

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**17. CORRESPONDENCE ADDRESS**☒ Customer Number

23370

|                   |                             |                                   |                |
|-------------------|-----------------------------|-----------------------------------|----------------|
| Name (Print/Type) | Elena S. Polovnikova        | Registration No. (Attorney/Agent) | 52,130         |
| Signature         | <i>Elena S. Polovnikova</i> | Date                              | April 14, 2004 |

2271  
U.S. PTO  
041404

**FEE TRANSMITTAL**

Attorney Docket No. **51821-0121 (51821-299534)**

This sheet accompanies a patent application transmittal for the following application:

Inventor(s): **Julia T. Lathrop, David J. Hammond, Larisa Cervenakova, Liliana Gheorghiu and Oksana Yakovleva**  
 Filing Date: **April 14, 2004**  
 Title: **Method for Identifying Ligands Specific for Structural Isoforms of Proteins**

The filing fee is calculated as shown below:

**1. FILING FEE:**

| SMALL ENTITY   |       |          | LARGE ENTITY |          |
|--|-------|----------|--------------|----------|
| FOR:   | FEE   | FEE PAID | FEE          | FEE PAID |
| <input checked="" type="checkbox"/> UTILITY FILING FEE | \$385 | 385      | \$770        |          |
| <input type="checkbox"/> DESIGN FILING FEE             | \$170 |          | \$340        |          |
| <input type="checkbox"/> PLANT FILING FEE              | \$265 |          | \$530        |          |
| <input type="checkbox"/> REISSUE FILING FEE            | \$385 |          | \$770        |          |
| <input type="checkbox"/> PROVISIONAL FILING FEE        | \$80  |          | \$160        |          |
| SUBTOTAL (1)   |       | \$385    |              | \$       |

**2. CLAIMS:**

| SMALL ENTITY  |           |           |        | LARGE ENTITY |        |     |
|---|-----------|-----------|--------|--------------|--------|-----|
| FOR:  | NO. FILED | NO. EXTRA | RATE   | FEE          | RATE   | FEE |
| TOTAL CLAIMS  | 19 - 20 = | 0         | x 9 =  |              | x 18 = |     |
| INDEP. CLAIMS   | 1 - 3 =   | 0         | x 43 = |              | x 86 = |     |
| <input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENTED |           |           | +145 = |              | +290 = |     |
| SUBTOTAL (2)  |           |           |        | \$0          |        | \$  |

**3. ADDITIONAL FEES:**

| SMALL ENTITY                                       |       |          | LARGE ENTITY |          |
|--|-------|----------|--------------|----------|
| FOR:   | FEE   | FEE PAID | FEE          | FEE PAID |
| <input type="checkbox"/> LATE FILING, FEE OR OATH  | \$65  |          | \$130        |          |
| <input type="checkbox"/> NON-ENGLISH SPECIFICATION | \$130 |          | \$130        |          |
| <input type="checkbox"/> OTHER                     |       |          |              |          |
| SUBTOTAL (3)                                       |       | \$       |              | \$       |

**TOTAL FILING FEES: \$385**

A check is enclosed for the total amount: **\$385**

☒ Charge any additional fees required under 37 C.F.R. 1.16 or 1.17 to Deposit Account 11-0855.

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By: Elena S. Polonikova  
 Elena S. Polonikova, Patent Agent  
 Reg. No. 52,130

Date: April 14, 2004